

**SEQUENCE OF OPERATION:**

ON A CALL FOR COOLING, THE THERMOSTAT SIGNALS FOR THE HEATING CONTROL VALVE TO MODULATE TOWARD THE CLOSED POSITION. ON A FURTHER CALL FOR COOLING, THE THERMOSTAT SIGNALS FOR THE VOLUME DAMPER TO MODULATE FROM ITS MINIMUM SETTING TO ITS MAXIMUM SETTING.

ON A CALL FOR HEATING, THE THERMOSTAT SIGNALS THE VOLUME DAMPER TO MODULATE TOWARDS ITS MINIMUM POSITION. ON A FURTHER CALL FOR HEATING, THE THERMOSTAT SIGNALS THE HEATING COIL VALVE TO MODULATE TOWARD THE FULL OPEN POSITION.

**NOTE:**

SUPPLY UNIT  
DAMER-N.O.  
VALVE-N.O.  
T-STAT-D.A.  
BOX-R.A.

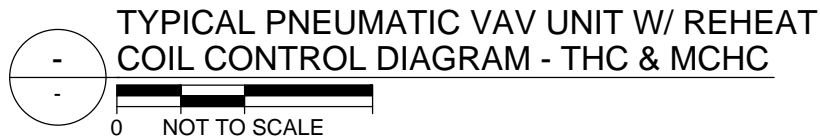
**SPECIFICATION:**

-VAV UNIT: TITUS MODEL PESV W/  
2-ROW HEATING COIL

-ROOM T-STAT: HONEYWELL MODEL  
TP970A W/ ADJUSTABLE  
COVER MODEL  
14004406-111

-CONTROL VALVE: HONEYWELL V5011\_\_\_\_\_  
(SEE VAV SCHEDULE FOR  
COMPLETE MODEL NO.)

-CONTROL VALVE  
ACTUATOR: HONEYWELL MP953C1000



2101 Commonwealth, Suite B  
Ann Arbor, MI 48105  
FAX: (734) 763-0417  
[www.med.umich.edu/facilities/plan](http://www.med.umich.edu/facilities/plan)  
FILE: D230905H-4.dwg  
ISSUE: Oct 10

**TYPICAL PNEUMATIC VAV UNIT W/  
REHEAT COIL CONTROL DIAGRAM -  
THC & MCHC**